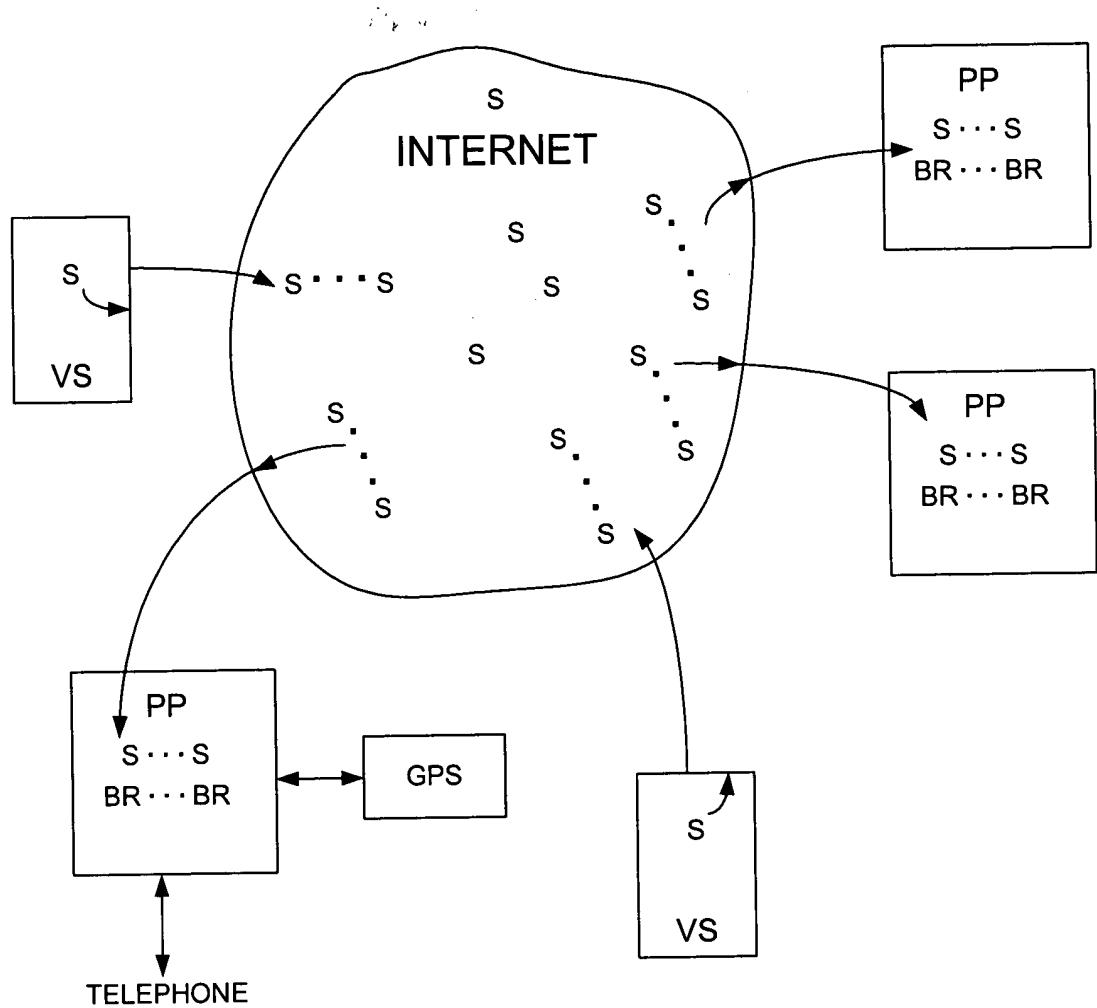


PP = PERSONAL PAGE
→ INDICATES NETWORK ACCESS
⇒ INDICATES SOFTWARE ACCESS

FIG. 1A



PP = PERSONAL PAGE
VS = VENDOR SITE
S = VENDOR SCRIPT
BR = BIDDING RULE

FIG. 1B

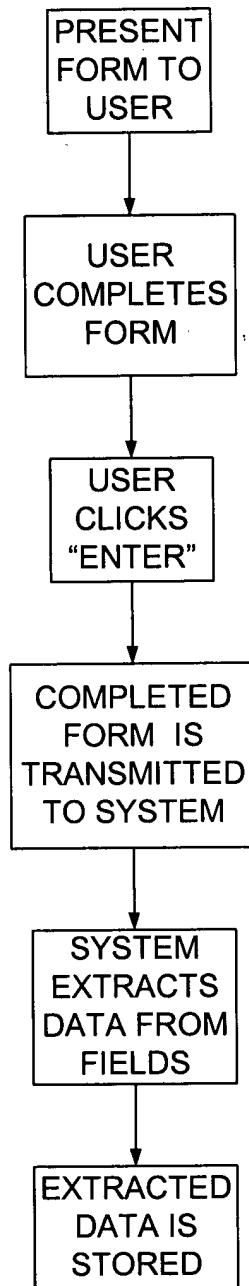


FIG. 2

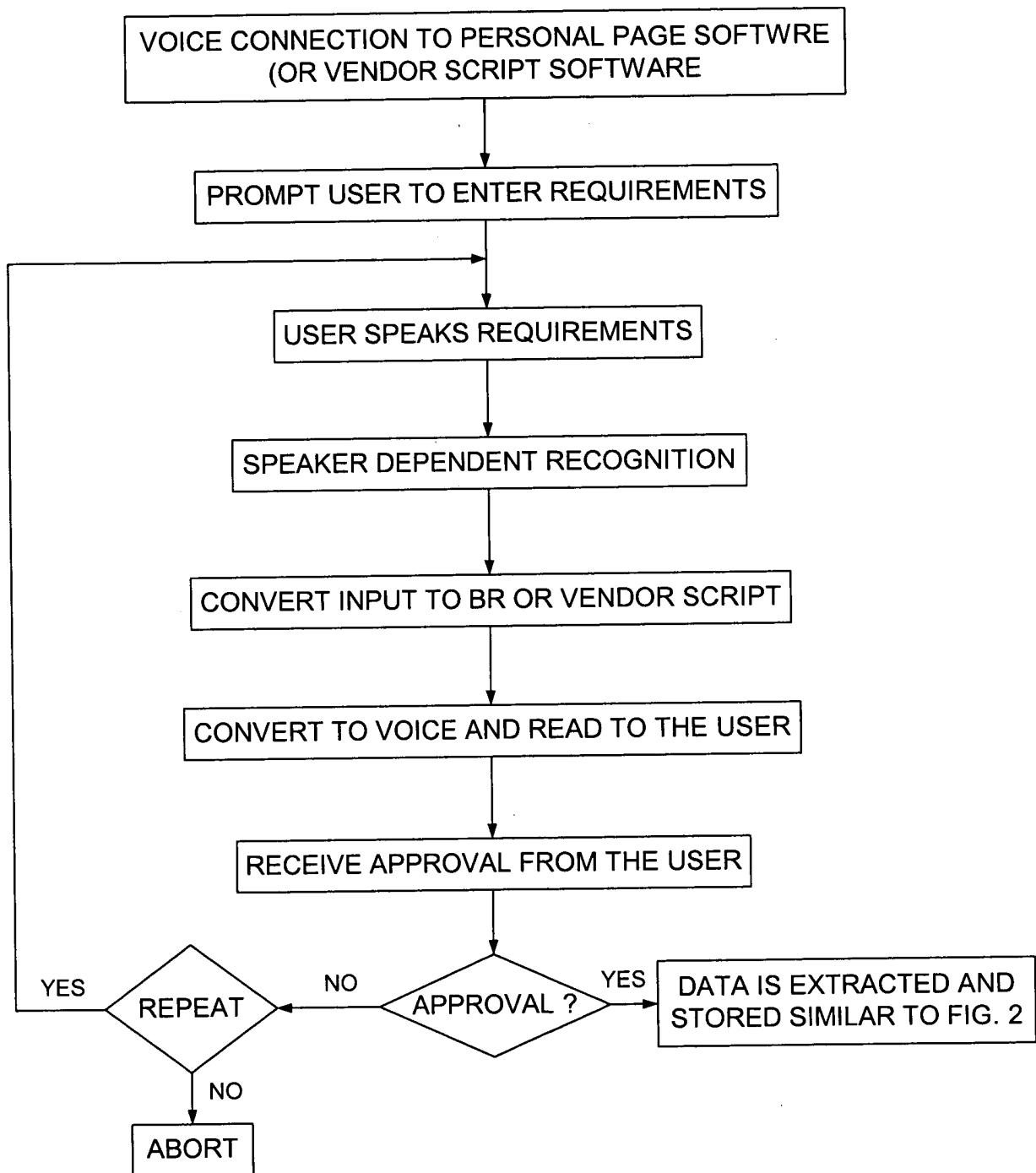


FIG. 3

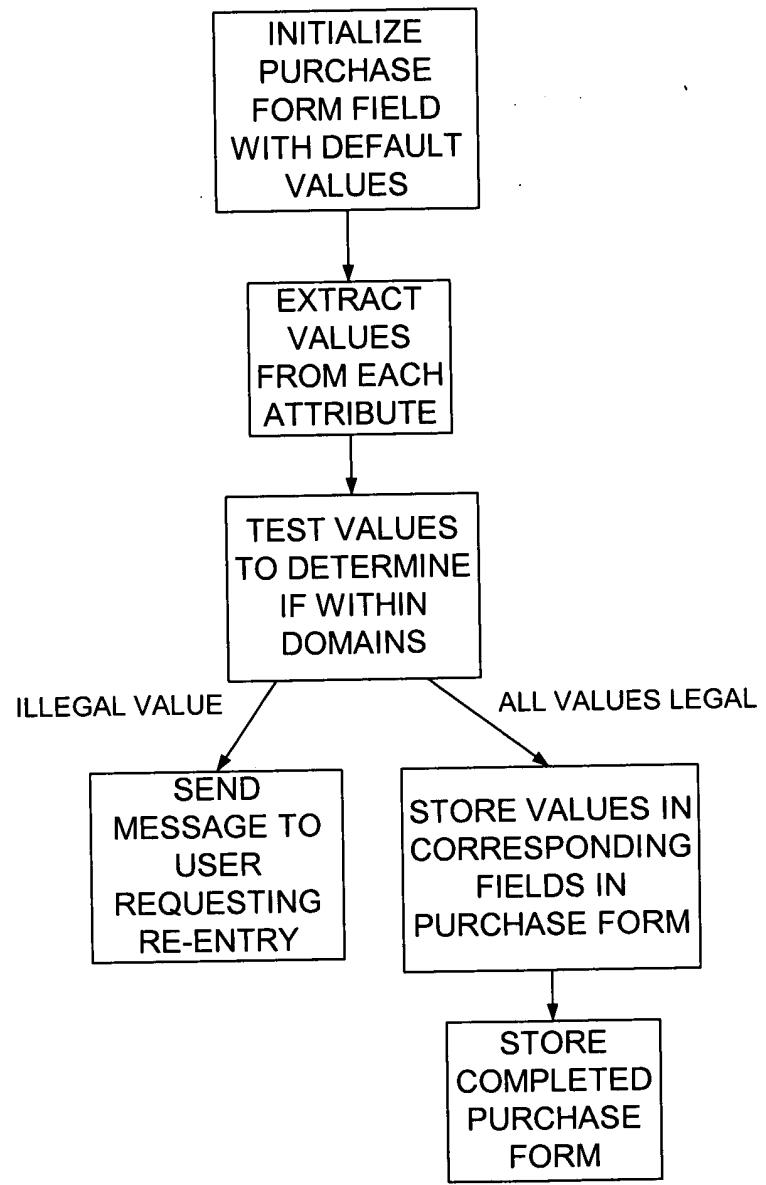


FIG. 4

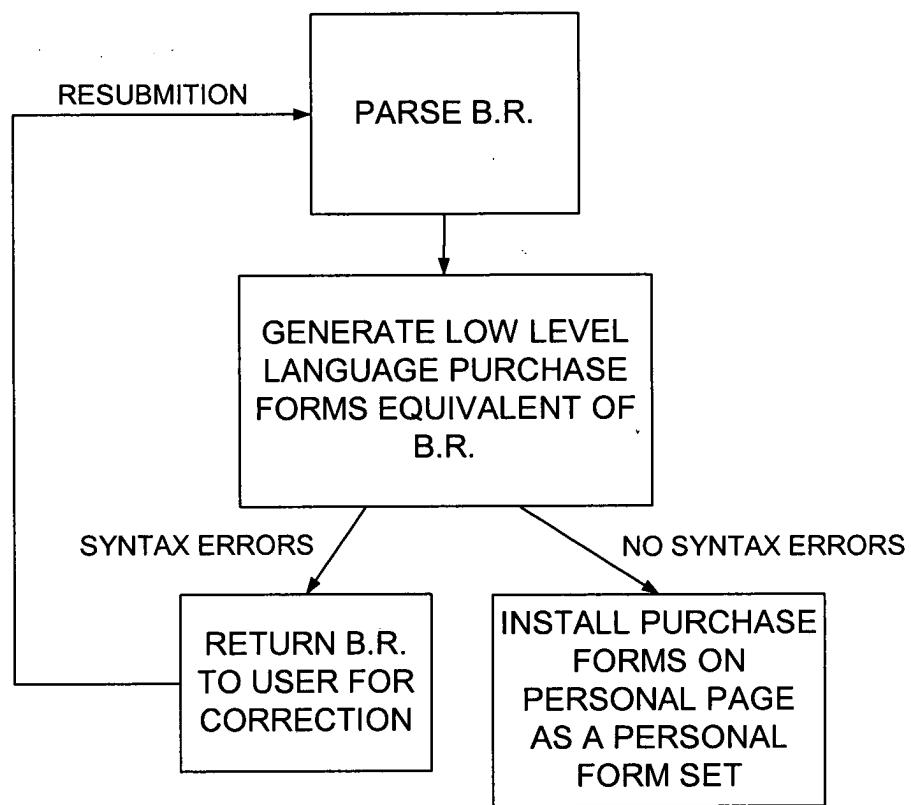


FIG. 5

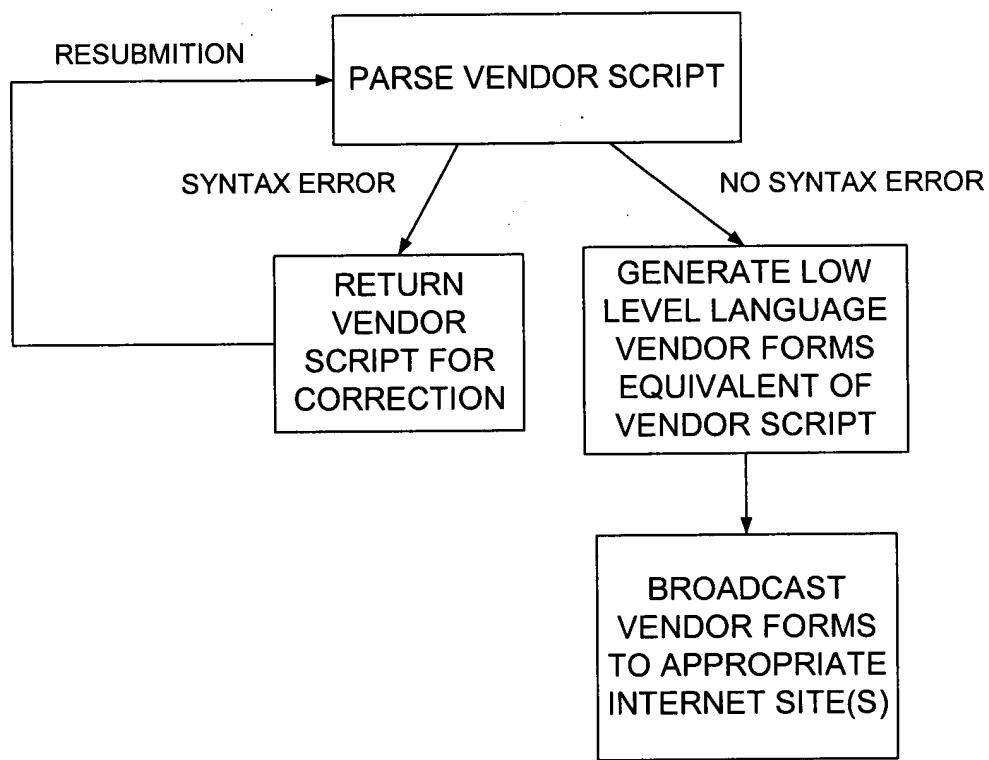


FIG. 6

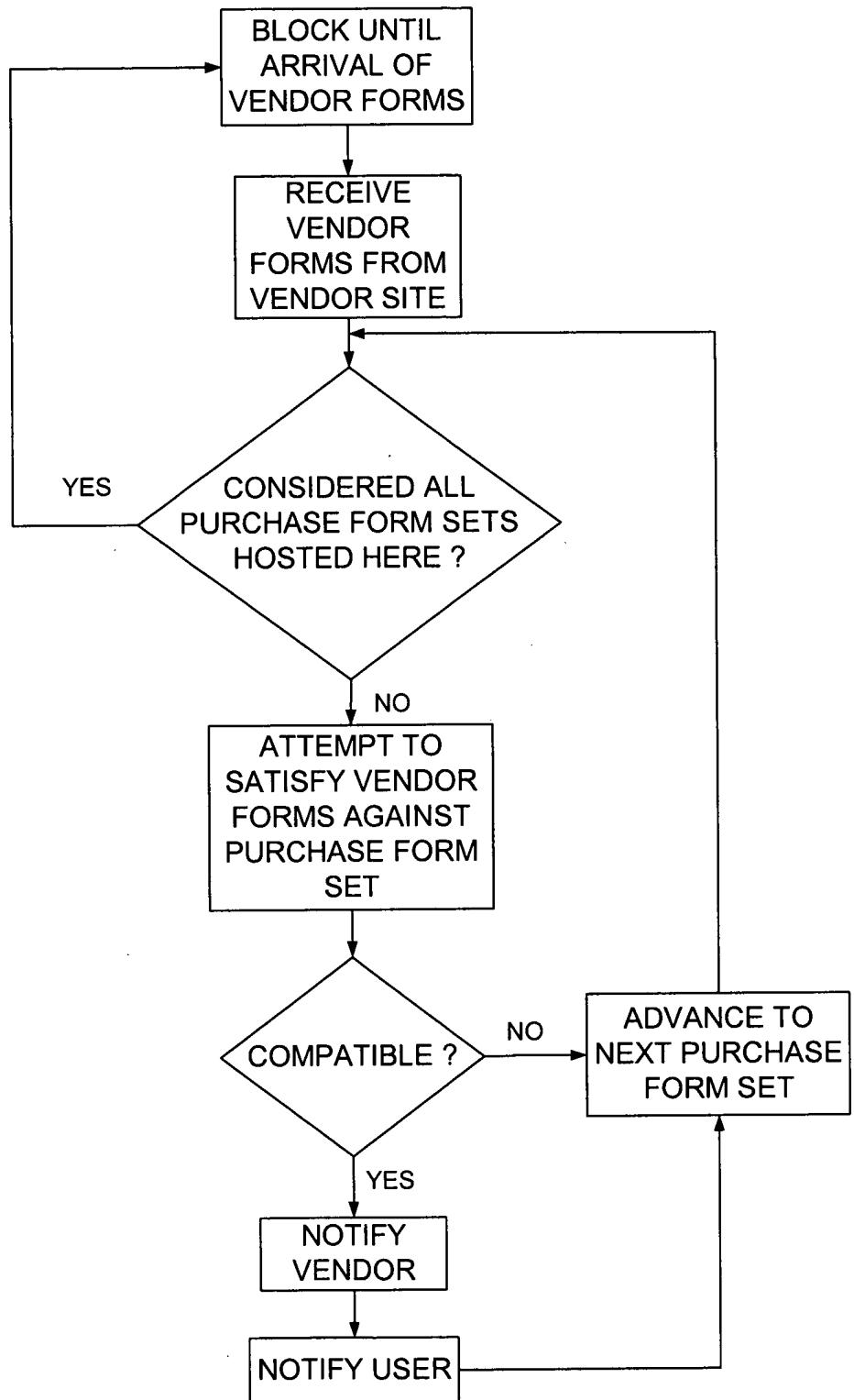


FIG. 7

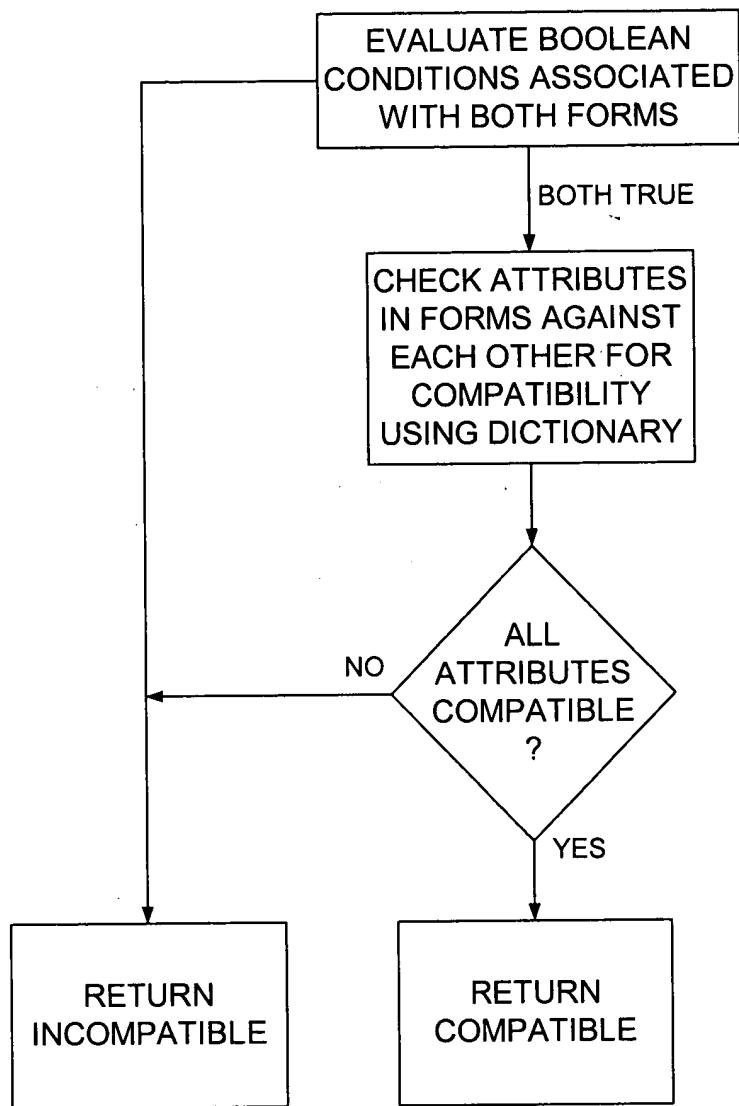


FIG. 8

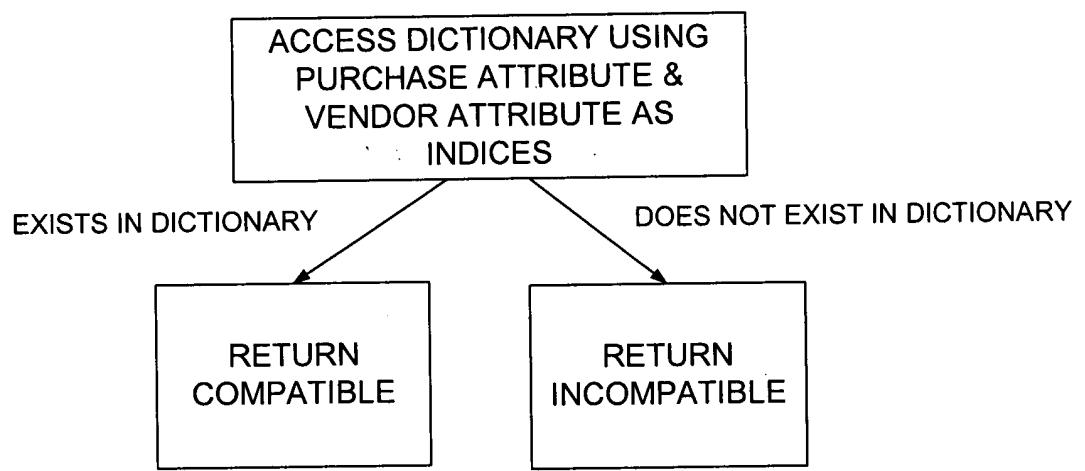


FIG. 9

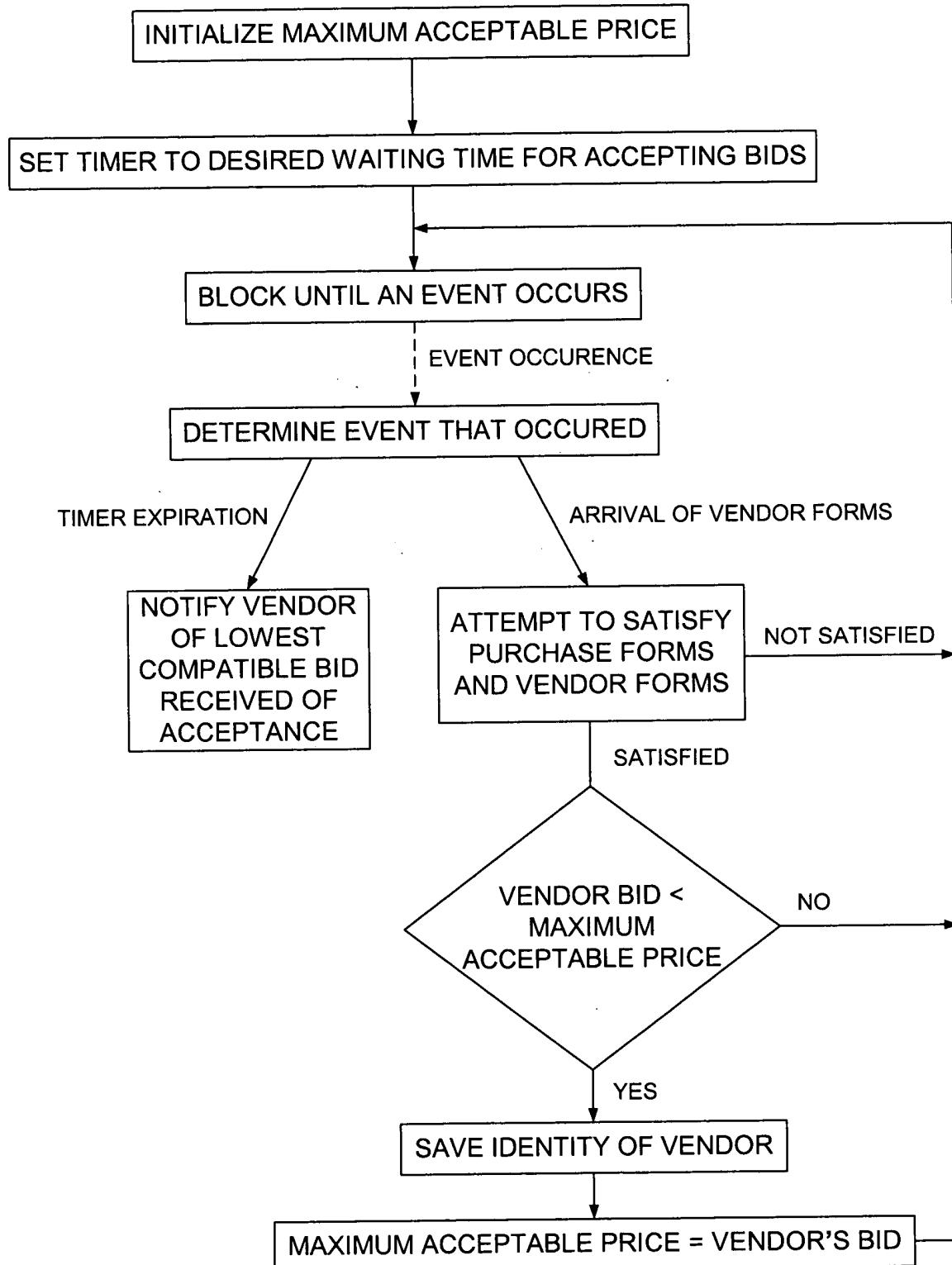


FIG. 10

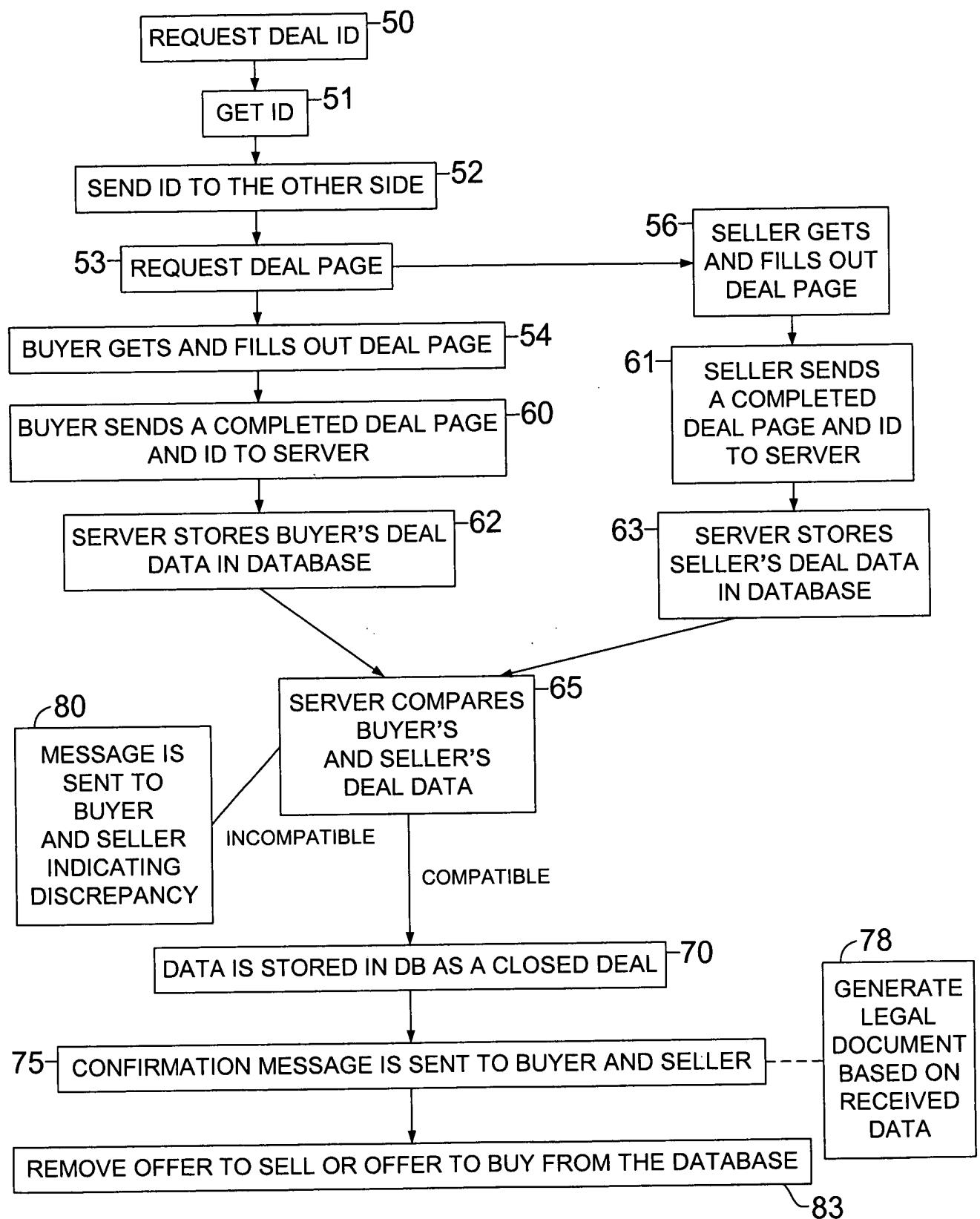


FIG. 11

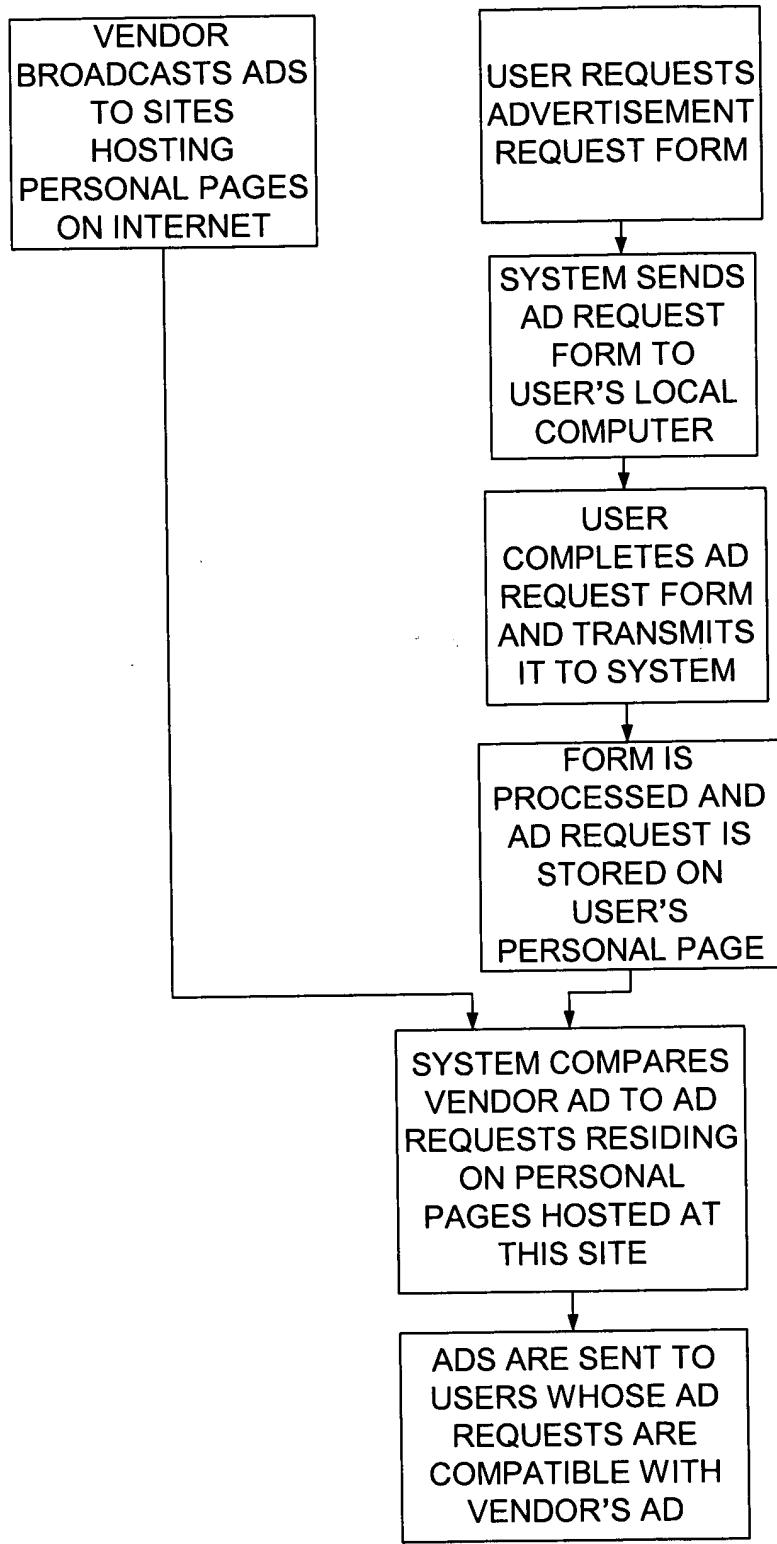


FIG. 12

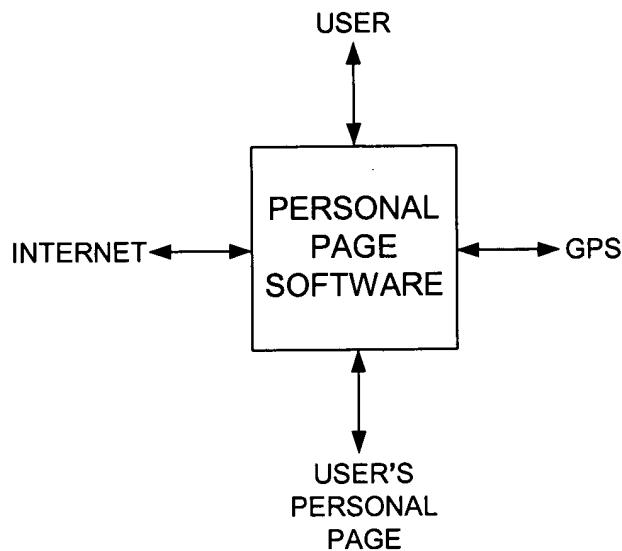


FIG. 13

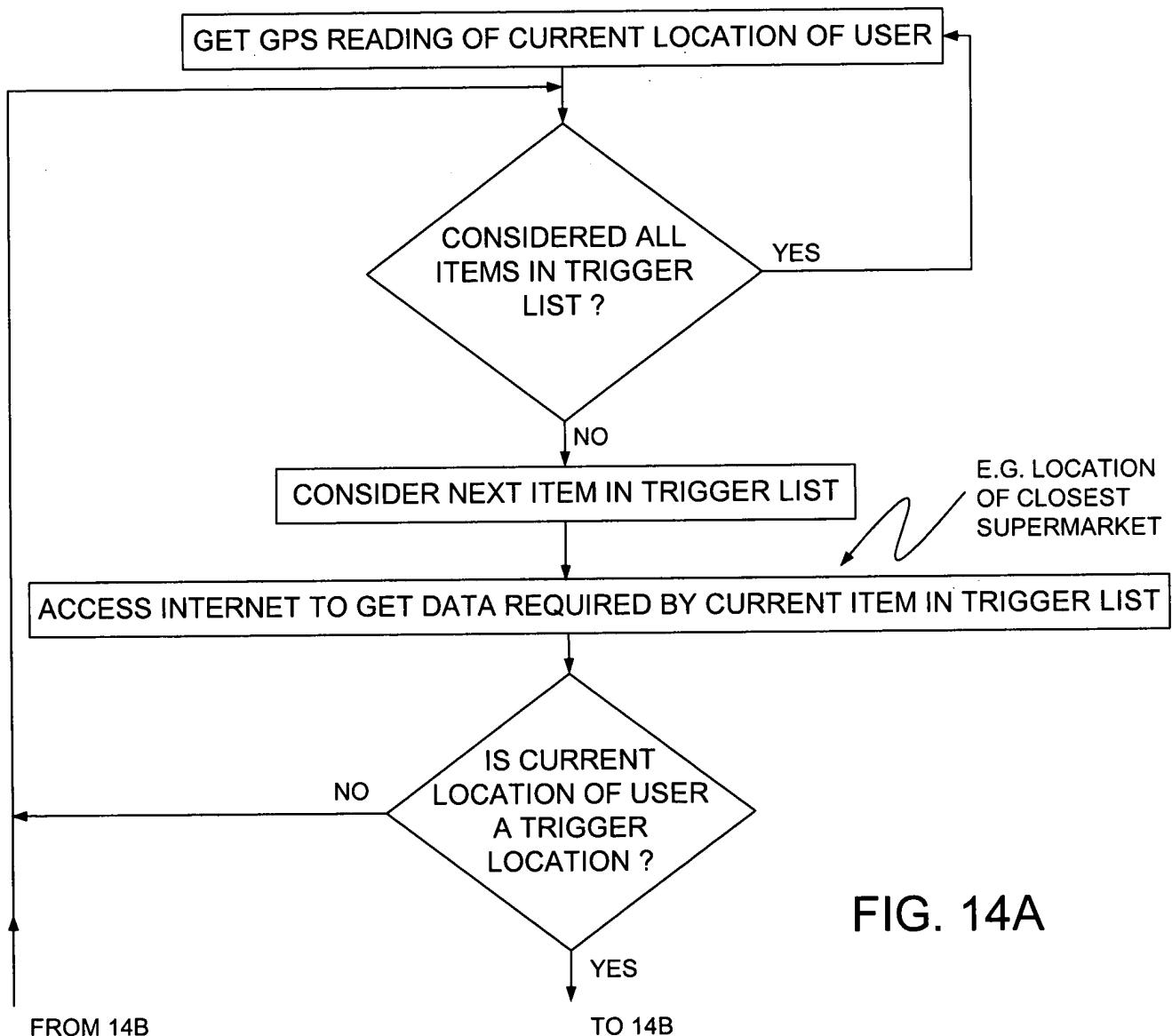


FIG. 14A

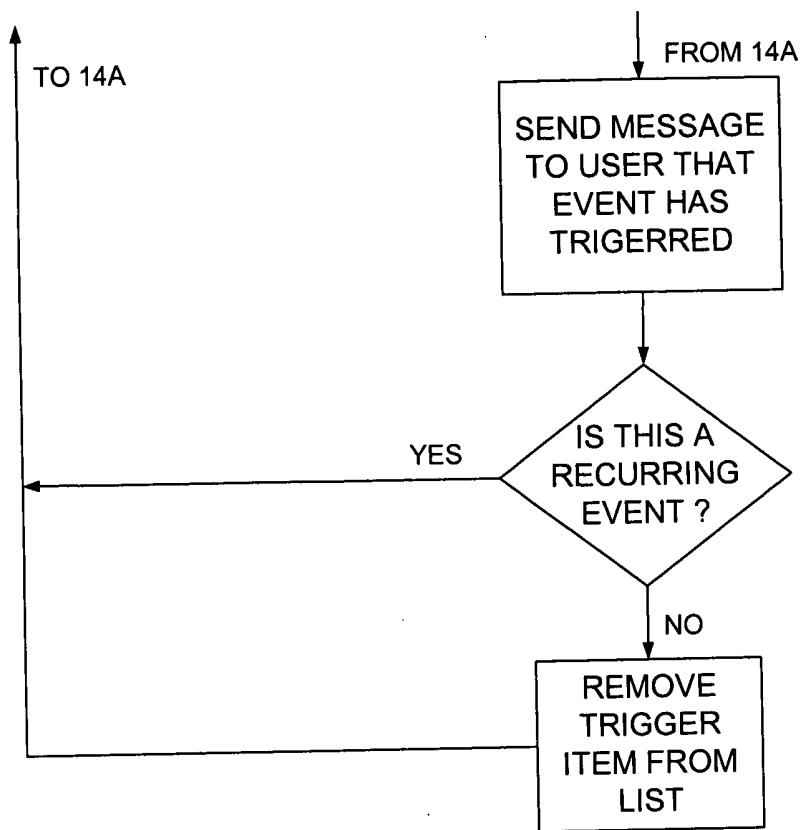


FIG. 14B

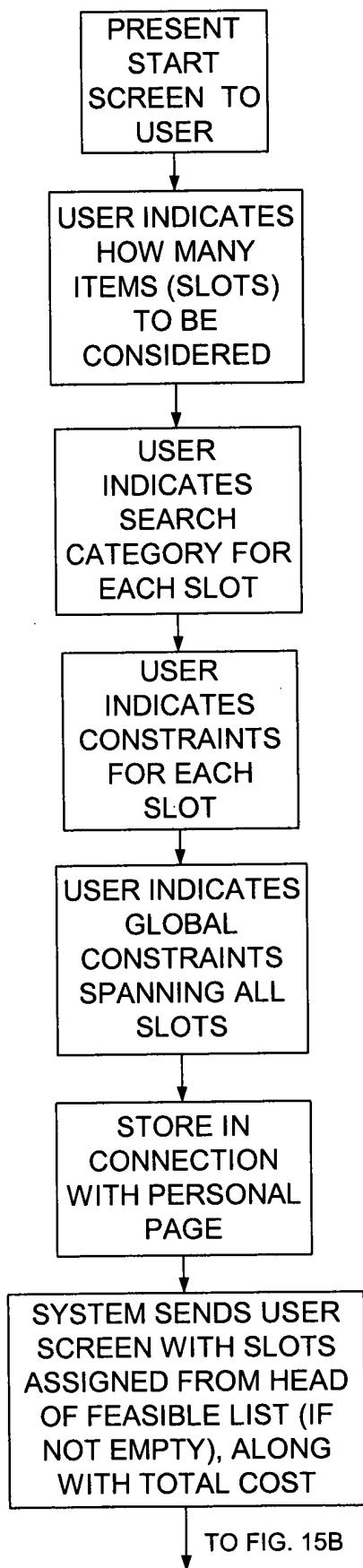


FIG. 15A

FROM FIG. 15A

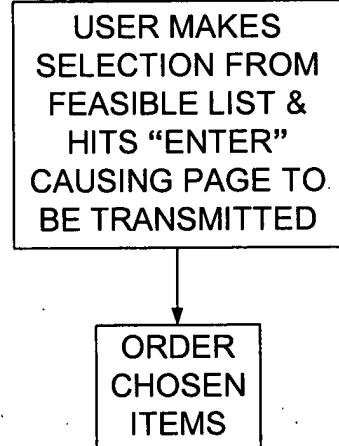


FIG. 15B

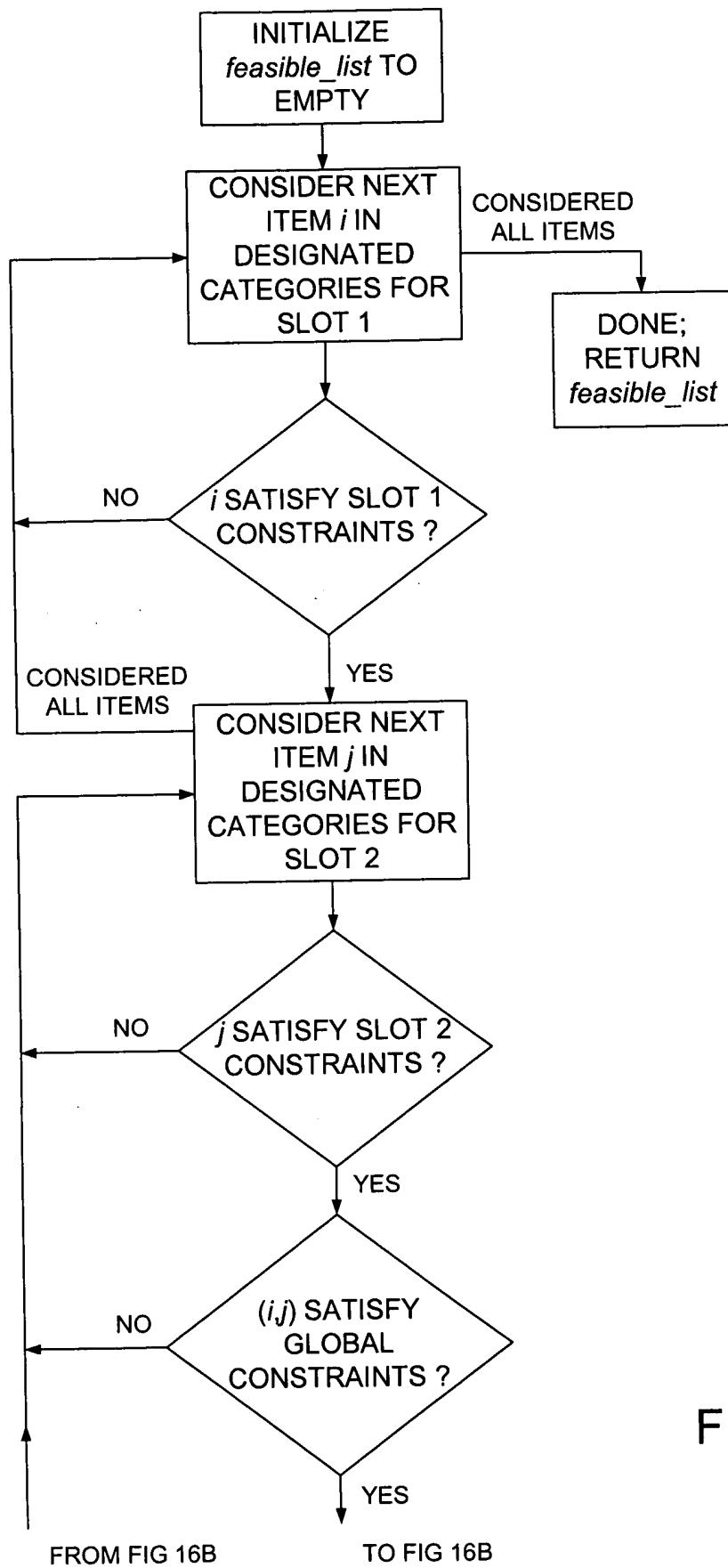


FIG. 16A

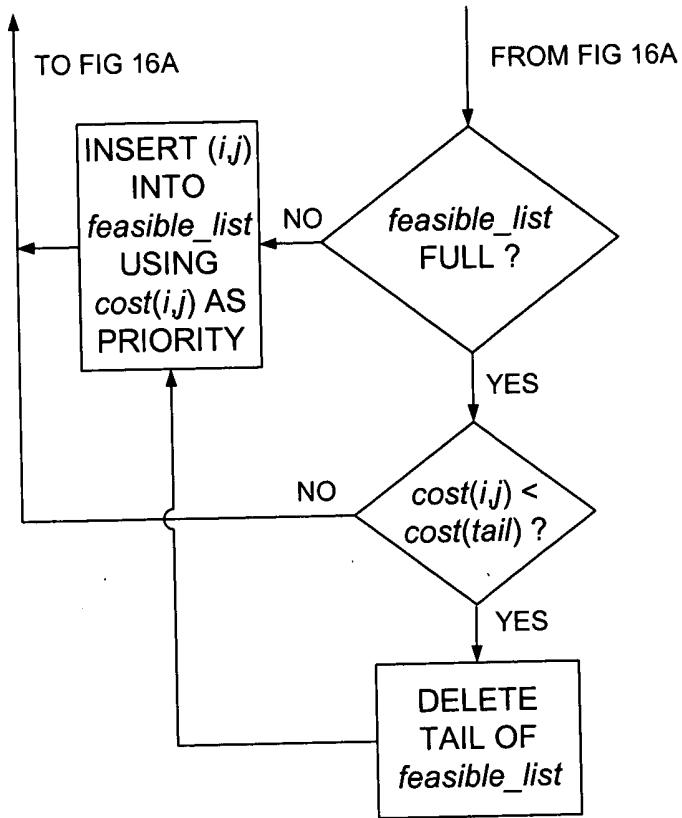


FIG. 16B

```

feasible_list = empty;           // priority queue; cost(a,b) is priority

for (i ranging over items in its designated categories)

    if (i satisfies slot 1 constraints)

        for (j ranging over items in its designated categories)

            if (j satisfies slot 2 contraints)

                if ( (i,j) satisfies global contraints)

                    if feasible_list not full

                        insert (i,j) and cost(i,j) into feasible_list;

                    else if ( cost(i,j) < cost(tail) )

                        {

                            delete tail from feasible_list;
                            insert (i,j) and cost(i,j) into feasible_list;

                        }

                return (feasible_list);

```

FIG. 16C

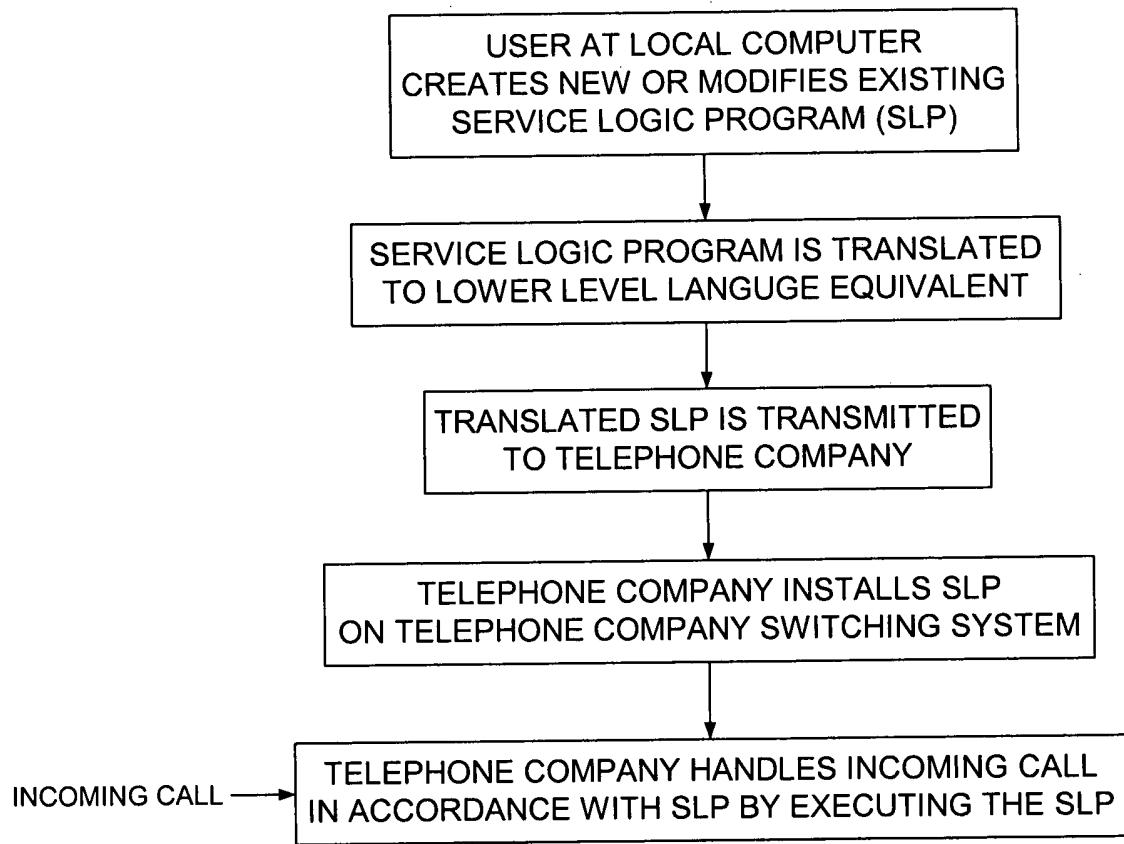
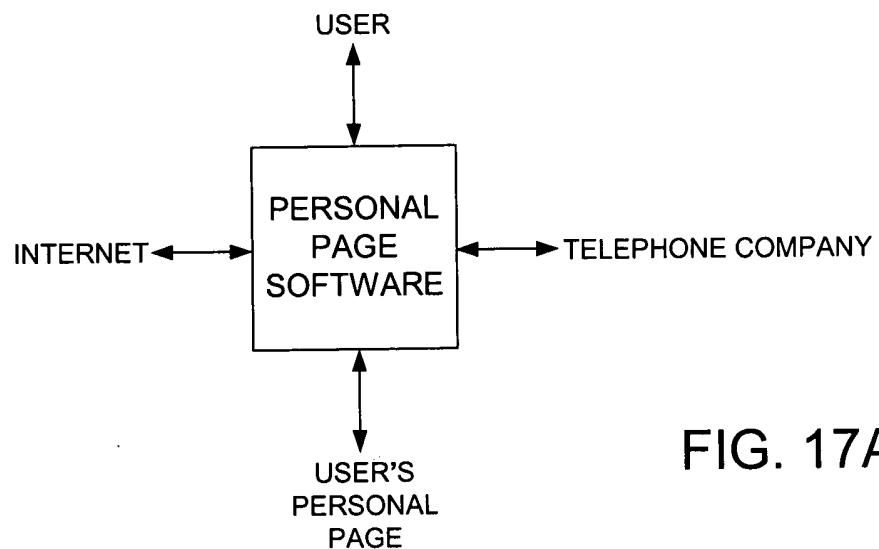


FIG. 17B

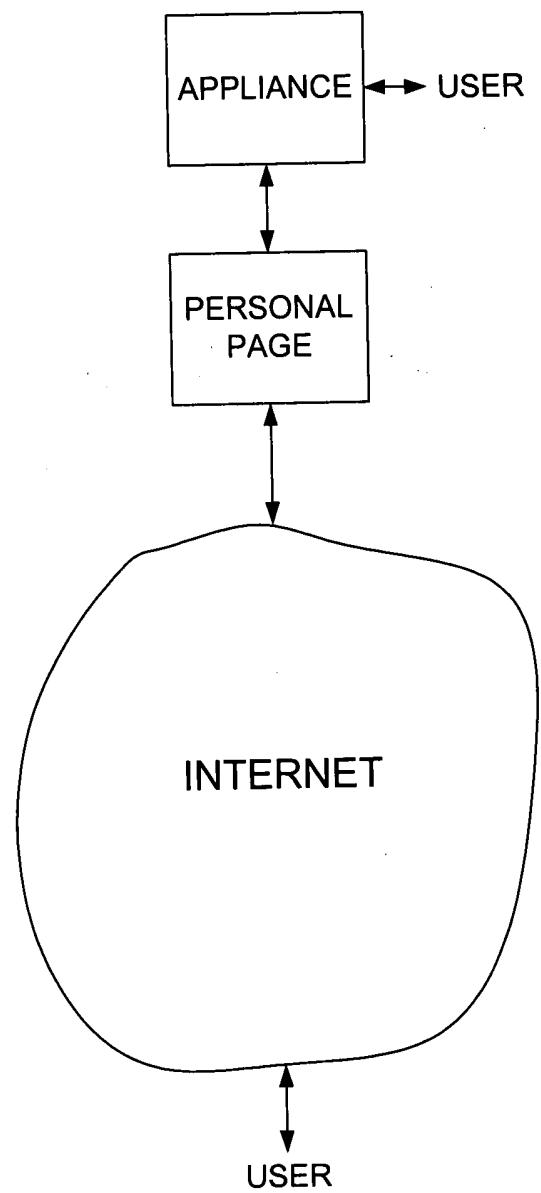


FIG. 18

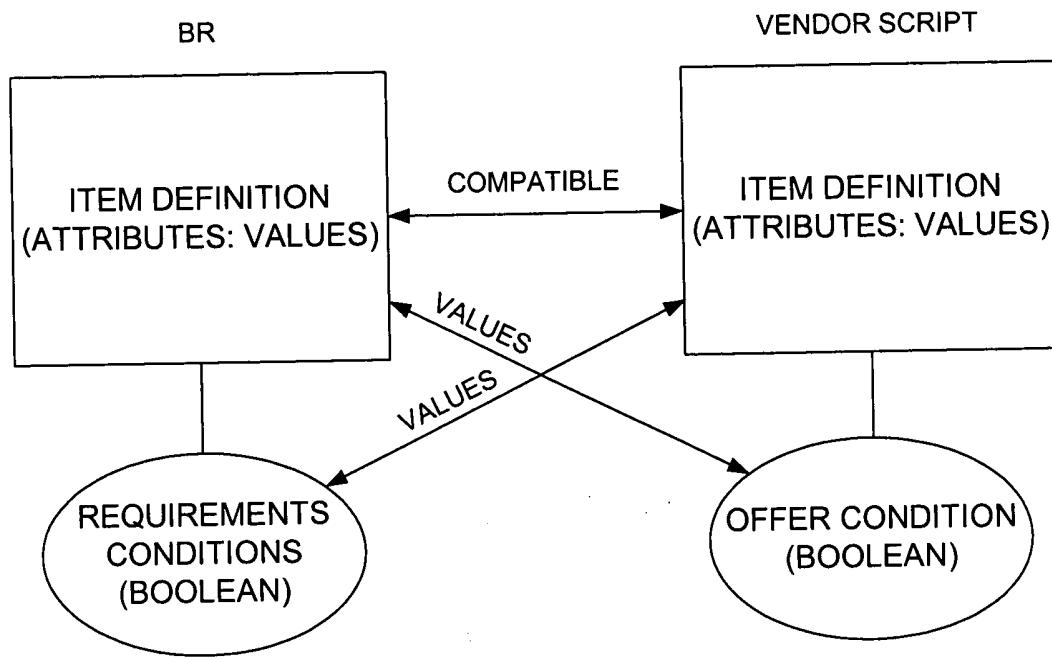


FIG. 19

```
{ ACCEPT_BR || ACCEPT_VENDOR_SCRIPT || MATCHMAKER  
|| SERVICE_ACTIVATION_LIST || SERVICE_SCRIPT_LIST }
```

FIG. 20

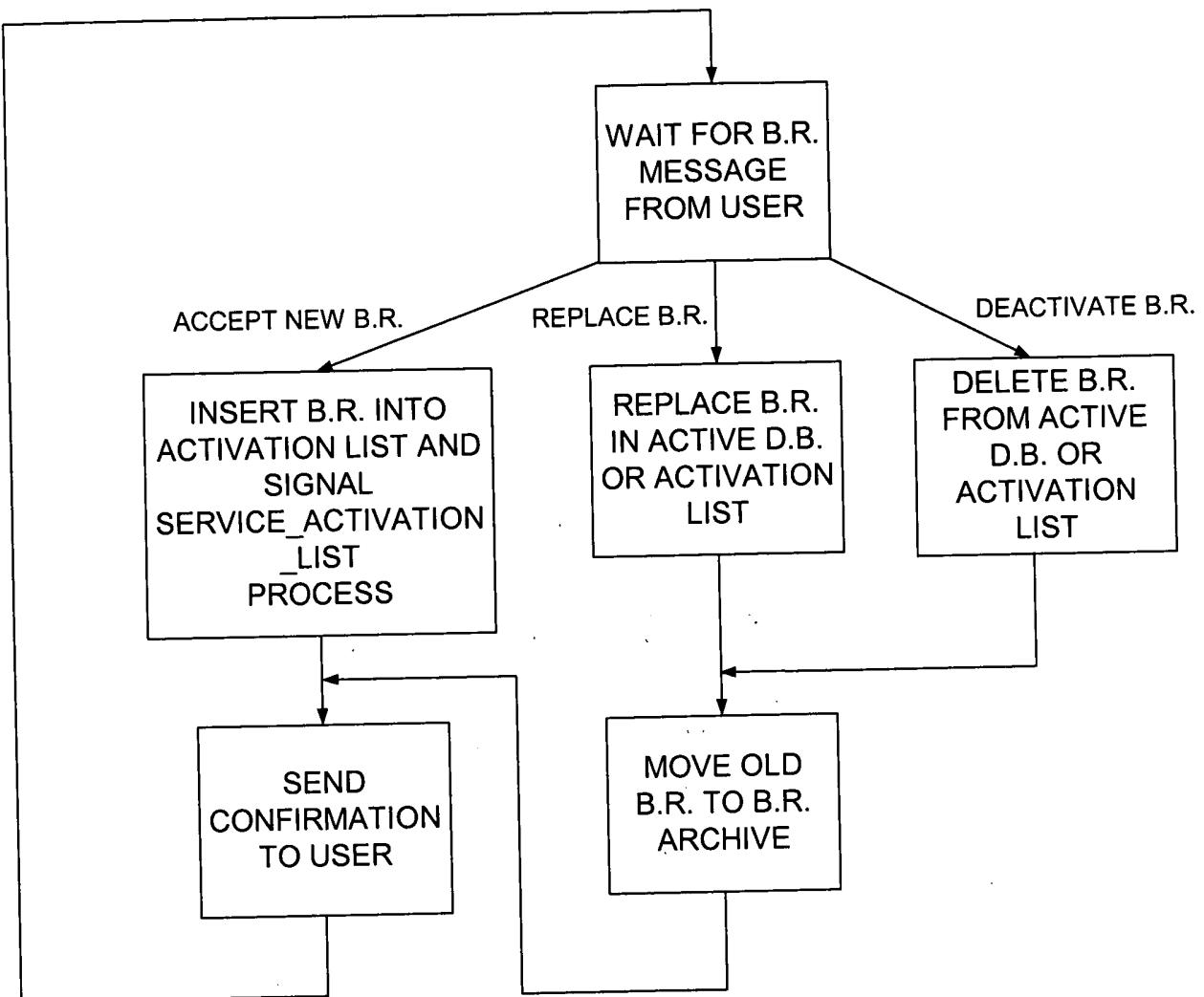


FIG. 21

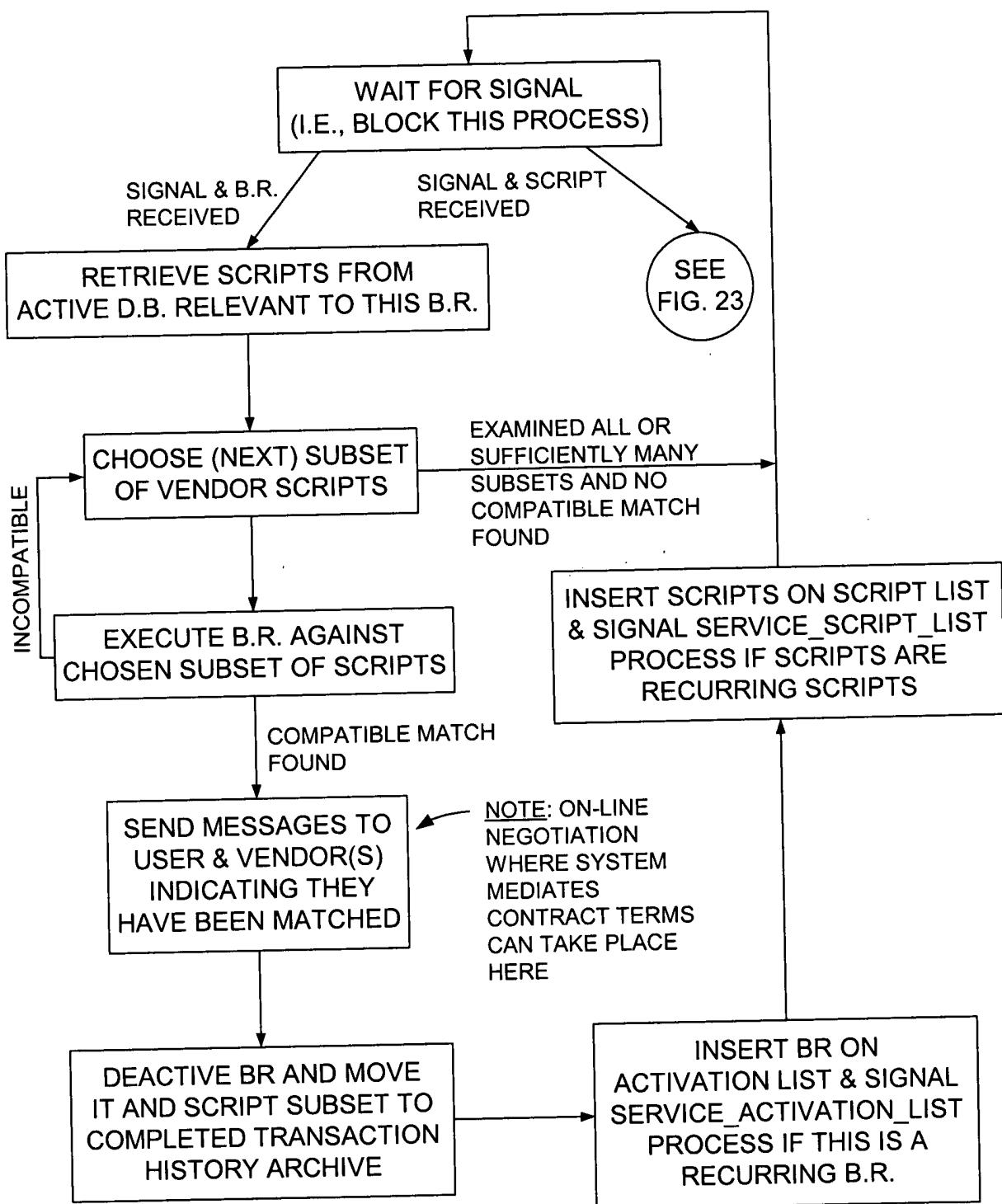


FIG. 22

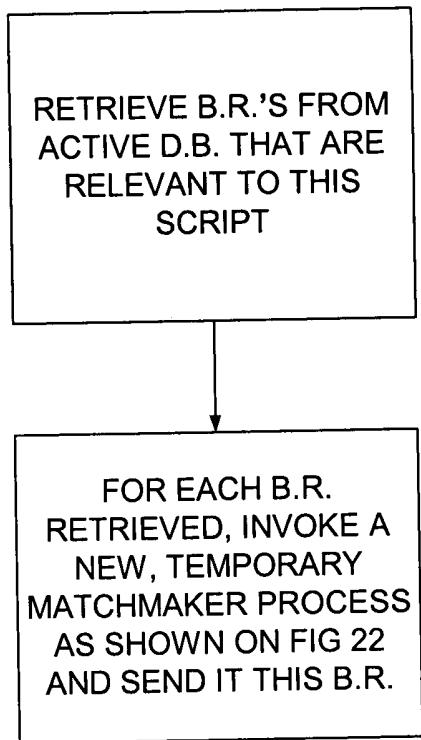


FIG. 23

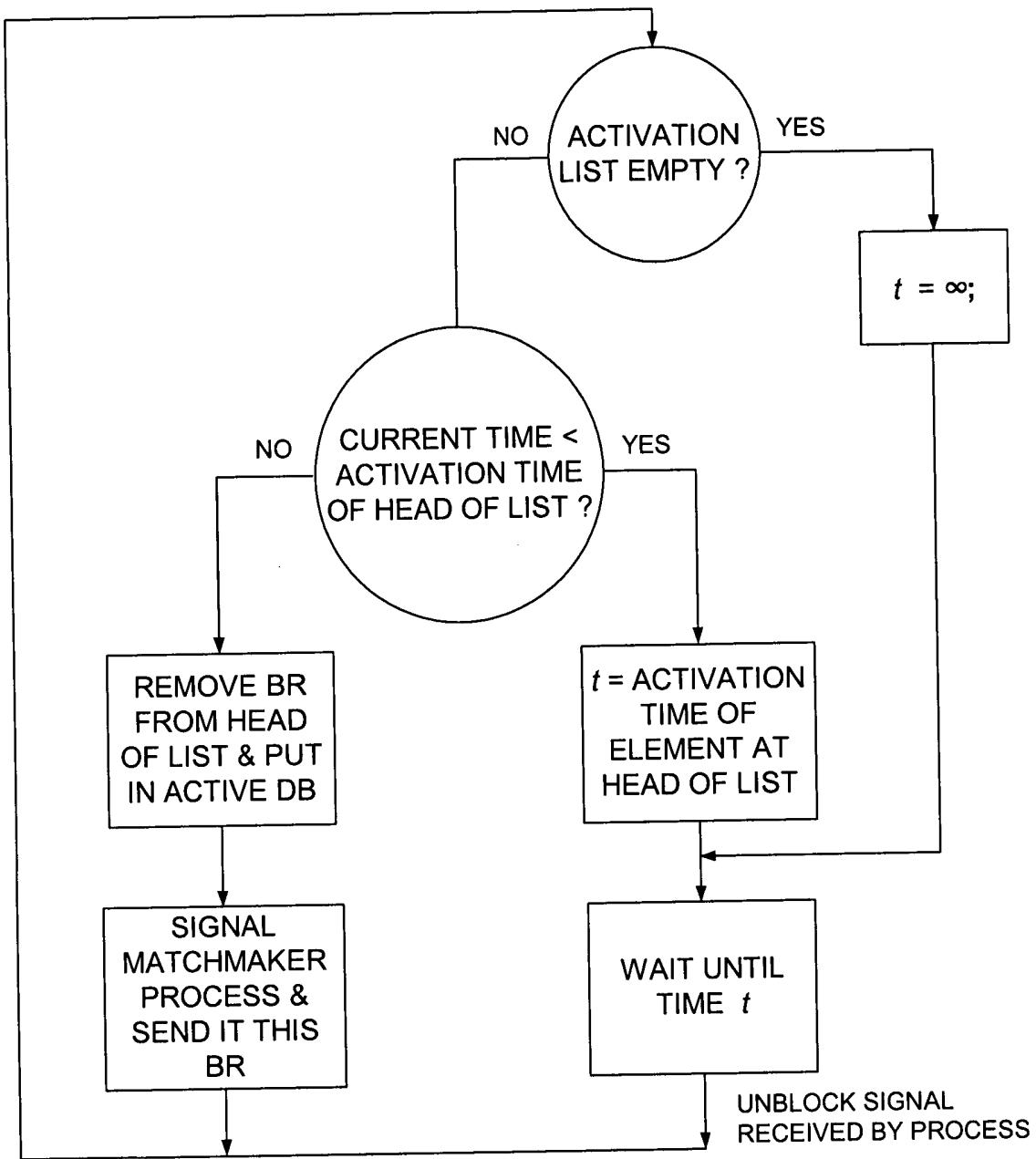


FIG. 24